Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0205219F: MQ-9 Development and Fielding

BA 7: Operational Systems Development

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	57.205	93.145	125.427	0.000	125.427	111.627	80.159	52.896	27.352	Continuing	Continuing
675246: MQ-9 Development and Fielding	57.205	93.145	125.427	0.000	125.427	111.627	80.159	52.896	27.352	Continuing	Continuing

Note

FY09 funding totals includes \$1.0M provided via Omnibus reprogramming.

FY10 funding totals include \$1.4M appropriated for Overseas Contingency Operations.

FY09 Other Adjustments represents Omnibus funding mistakenly loaded into the MQ-9 PE and later reprogrammed for higher Air Force priorities.

A. Mission Description and Budget Item Justification

The basic MQ-9 Reaper system consists of the aircraft, sensors, a ground control station (GCS), communications equipment, weapon kits, support equipment, simulator and training devices, Readiness Spares Packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop remotely piloted aircraft designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is designed primarily to prosecute critical, emerging Time-Sensitive-Targets (TSTs) as a radar, Electro-optical/Infrared (EO/IR), and laser designator-based attack asset with on-board hard-kill capability (hunter-killer). It also performs Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). In the hunter-killer role, the aircraft employs fused multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities), and assesses post-strike results. The MQ-9 system is continuing development and fields capability through incremental upgrades. Two test aircraft will be purchased in FY10 to support development and test activity. Future developmental capabilities include increasing the maximum gross takeoff weight of the aircraft; automatic takeoff and landing capability (ATLC); enhancing aircraft systems to include integrated redundant avionics; Predator Primary Data Link (PPDL) comm system upgrades and comm upgrades to include data link encryption and Ka frequency migration; anti-ice/de-ice capability; navigation system upgrades; electrical system upgrades; airframe and airframe system improvements; propulsion system improvements; secure voice and data communications, including SATCOM, upgrades; sensor/stores management computer improvement; MIL-STD-1760 advanced weapons data bus; advanced sensor and weapon payloads; improved human-machine interface; integrating precision weapons (e.g. AGM-114 Hellfire missile and GBU-12/38/49 guided bombs); Mode 5 / Automatic Dependent Surveilance - Broadcast (ADS-B) integration; hardware and software upgrades to the ground control station for MQ-9 operations; completing airworthiness certification; weapons system certification and accreditation; and producing applicabl

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0205219F: MQ-9 Development and Fielding

BA 7: Operational Systems Development

system capabilities. Subsequent investments will continue to evolve the MQ-9's capabilities to meet new operational requirements (e.g. SIGINT, communications, electronic attack (EA), Wide Area Airborne Surveillance (WAAS), and other sensors and weapons) and address reliability, maintainability, sustainability, and safety issues. Activities also include studies and analyses to support both current program planning and execution, and future program planning.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provides a means for manual control; allows personnel to launch, recover, and monitor aircraft, payloads, and system communications status; incorporates secure data links to send aircraft and payload commands and receive system telemetry and payload data; monitors threats to the aircraft; displays the common operational picture; and provides support functions. Launch and Recovery GCS (LRGCS) allow for servicing, systems checks, maintainance, and launch and recovery of aircraft under LOS control for hand-off to a mobile or fixed facility GCS. Additionally, there is a GCS configuration that allows for control of multiple aircraft and payloads. GCS upgrades will be developed and fielded in coordination with improvements to MQ-9 aircraft capabilities and in response to evolving operational requirements.

This program will participate in studies, analyses, development, testing, and implementation of future unmanned aircraft systems (UASs) and various standards to pursue joint, Allied, and coalition interoperability.

This program is in Budget Activity 7, Operational Systems Development, because it involves Air Force R&D to field a highly capable operational system and provide essential operational capabilities.

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	46.431	39.245	0.000	0.000	0.000
Current President's Budget	57.205	93.145	125.427	0.000	125.427
Total Adjustments	10.774	53.900	125.427	0.000	125.427
 Congressional General Reductions 		0.000			
Congressional Directed Reductions		0.000			
Congressional Rescissions	0.000	0.000			
Congressional Adds		53.900			
 Congressional Directed Transfers 		0.000			
Reprogrammings	10.774	0.000			
SBIR/STTR Transfer	0.000	0.000			
 Other Adjustments 	0.000	0.000	125.427	0.000	125.427

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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

PE 0205219F: MQ-9 Development and Fielding

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 675246: MQ-9 Development and Fielding

Congressional Add: MQ-9 UAS AirPortal, Hancock Field

Congressional Add: Unspecified Projects

	3.000	0.000
	0.000	52.500
Congressional Add Subtotals for Project: 675246	3.000	52.500
Congressional Add Totals for all Projects	3.000	52.500

FY 2009

FY 2010

Change Summary Explanation

FY09 funding totals includes \$1.0M provided via Omnibus reprogramming.

FY10 funding totals include Congressional add of \$52.5M and \$1.4M appropriated for Overseas Contingency Operations.

FY10 increase adds funding to increase development/test capacity and accelerate Block 5 aircraft and Ground Control Station capability development/test.

Exhibit R-2A, RDT&E Project Just	ification: Pl	B 2011 Air F	orce						DATE: Feb	ruary 2010	
APPROPRIATION/BUDGET ACTIV 3600: Research, Development, Test BA 7: Operational Systems Develop	. & Evaluatio	n, Air Force			IOMENCLA 9F: <i>M</i> Q-9 <i>De</i>	TURE evelopment a	and	PROJECT 675246: <i>M</i> 0	Q-9 Developi	ment and Fie	elding
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
675246: MQ-9 Development and Fielding	57.205	93.145	125.427	0.000	125.427	111.627	80.159	52.896	27.352	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note

FY09 funding totals include \$1.0M provided via Omnibus reprogramming.

FY10 funding totals include \$1.4M appropriated for Overseas Contingency Operations.

FY09 Other Adjustments represents Omnibus funding mistakenly loaded into the MQ-9 PE and later reprogrammed for higher Air Force priorities.

A. Mission Description and Budget Item Justification

The basic MQ-9 Reaper system consists of the aircraft, sensors, a ground control station (GCS), communications equipment, weapon kits, support equipment, simulator and training devices, Readiness Spares Packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop remotely piloted aircraft designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is designed primarily to prosecute critical, emerging Time-Sensitive-Targets (TSTs) as a radar, Electro-optical/Infrared (EO/IR), and laser designator-based attack asset with on-board hard-kill capability (hunter-killer). It also performs Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). In the hunter-killer role, the aircraft employs fused multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities), and assesses post-strike results. The MQ-9 system is continuing development and fields capability through incremental upgrades. Two test aircraft will be purchased in FY10 to support development and test activity. Future developmental capabilities include increasing the maximum gross takeoff weight of the aircraft; automatic takeoff and landing capability (ATLC); enhancing aircraft systems to include integrated redundant avionics; Predator Primary Data Link (PPDL) comm system upgrades and comm upgrades to include data link encryption and Ka frequency migration; anti-ice/de-ice capability; navigation system upgrades; electrical system upgrades; airframe and airframe system improvements; propulsion system improvements; secure voice and data communications, including SATCOM, upgrades; sensor/stores management computer improvement; MIL-STD-1760 advanced weapons data bus; advanced sensor and weapon payloads; improved human-machine interface; integrating precision weapons (e.g. AGM-114 Hellfire missile and GBU-12/38/49 guided bombs); Mode 5 / Automatic Dependent Surveilance - Broadcast (ADS-B) integration; hardware and software upgrades to the ground control station for MQ-9 operations; completing airworthiness certification; weapons system certification and accreditation; and producing applicabl

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
3600: Research, Development, Test & Evaluation, Air Force	PE 0205219F: MQ-9 Development and	675246: M	Q-9 Development and Fielding
BA 7: Operational Systems Development	Fielding		

system capabilities. Subsequent investments will continue to evolve the MQ-9's capabilities to meet new operational requirements (e.g. SIGINT, communications, electronic attack (EA), Wide Area Airborne Surveillance (WAAS), and other sensors and weapons) and address reliability, maintainability, sustainability, and safety issues. Activities also include studies and analyses to support both current program planning and execution, and future program planning.

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This program will participate in studies, analyses, development, testing, and implementation of future unmanned aircraft systems (UASs) and various standards to pursue joint, Allied, and coalition interoperability.

This program is in Budget Activity 7, Operational Systems Development, because it involves Air Force R&D to field a highly capable operational system and provide essential operational capabilities.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: MQ-9 System Development and Demonstration (SDD)	19.367	22.695	49.188	0.000	49.188
FY 2009 Accomplishments: In FY 2009: Aircraft/Communication system improvements (encryption); development/integration of follow-on sensors, weapons, payloads; test/training capability; Auto-takeoff & land; and technical data FY 2010 Plans:					
In FY 2010: Aircraft/Communication system improvements (encryption); development/integration of follow-on sensors, weapons, payloads; test/training capability; Auto-takeoff & land; and technical data					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

BA 7: Operational Systems Development

DATE: February 2010

R-1 ITEM NOMENCLATURE
PE 0205219F: MQ-9 Development and Fielding
Fielding

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: In FY 2011: Aircraft/Communication system improvements (encryption); development/integration of follow-on sensors, weapons, payloads; test/training capability; Auto-takeoff & land; and technical data					
FY 2011 OCO Plans: In FY 2011 OCO: N/A					
MAJOR THRUST: Ground Control Station (GCS) Development	0.000	0.000	31.200	0.000	31.200
FY 2009 Accomplishments: In FY 2009: N/A					
FY 2010 Plans: In FY 2010: N/A					
FY 2011 Base Plans: In FY 2011: Develop Ground Control Station (GCS) improvements					
FY 2011 OCO Plans: In FY 2011 OCO: N/A					
MAJOR THRUST: MQ-9 EO/IR Sensor	7.021	4.041	15.600	0.000	15.600
FY 2009 Accomplishments: In FY 2009: Develop Target Location Accuracy improvements for EO/IR sensor					
FY 2010 Plans: In FY 2010: Continues Target Location Accuracy improvements for EO/IR sensor					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0205219F: MQ-9 Development and Fielding	PROJECT 675246: <i>M</i>	Q-9 Development and Fielding

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: In FY 2011: Continues Target Location Accuracy improvements for EO/IR sensor					
FY 2011 OCO Plans: In FY 2011 OCO: N/A					
MAJOR THRUST: Other Government Costs, including Developmental and Operational Test support, SATCOM, Urgent Services	6.915	4.454	9.419	0.000	9.419
FY 2009 Accomplishments: In FY 2009: Continues Developmental and Operational Test support, SATCOM, Urgent Services					
FY 2010 Plans: In FY 2010: Continues Developmental and Operational Test support, SATCOM, Urgent Services					
FY 2011 Base Plans: In FY 2011: Continues Developmental and Operational Test support, SATCOM, Urgent Services					
FY 2011 OCO Plans: In FY 2011 OCO: N/A					
MAJOR THRUST: Operator Simulator	0.538	4.055	3.020	0.000	3.020
FY 2009 Accomplishments: In FY 2009: Develops updates to keep Operator Simulator concurrent with upgrades to aircraft and Ground Station					
FY 2010 Plans: In FY 2010: Develops updates to keep Operator Simulator concurrent with upgrades to aircraft and Ground Station					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force				DATE: Febr	ruary 2010	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0205219F: MQ-9 Development Fielding	and	PROJECT 675246: MQ-9 Development and Fieldin			elding
B. Accomplishments/Planned Program (\$ in Millions)			1			
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: In FY 2011: Develops updates to keep Operator Simulator co	oncurrent with upgrades to aircraft and					
FY 2011 OCO Plans: In FY 2011 OCO: N/A						
MAJOR THRUST: SAR Enhancements		2.864	4.000	17.000	0.000	17.000

Ground Control Station

FY 2010 Plans:

FY 2009 Accomplishments:

Ground Control Station

FY 2011 Base Plans: In FY 2011: Develops updates to keep Operator Simulator concurrent with upgrades to aircraft and

In FY 2010: Develops updates to keep Operator Simulator concurrent with upgrades to aircraft and

In FY 2009: Develops updates to keep Operator Simulator concurrent with upgrades to aircraft and

FY 2011 OCO Plans: In FY 2011 OCO: N/A

Ground Control Station

MAJOR THRUST: Encrypted Data Link (Vortex) - FY09 Omnibus & FY10 OCO

FY 2009 Accomplishments:

In FY 2009: Integrate Encrypted Data Link (Vortex) into MQ-9 comm system (FY09 Omnibus)

1.000

1.400

0.000

0.000

0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force				DATE: Febr	uary 2010	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0205219F: MQ-9 Development as Fielding	nd	PROJECT 675246: MQ-9 Development and Fielding			elding
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: In FY 2010: Integrate Encrypted Data Link (Vortex) into MQ-9 co	mm system (FY10 OCO)					
FY 2011 Base Plans: In FY 2011: N/A						
FY 2011 OCO Plans: In FY 2011 OCO: N/A						
MAJOR THRUST: FY09 Omnibus reprogramming error		16.500	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: In FY 2009: FY09 Omnibus funding was mistakenly loaded into the for higher Air Force priorities.	he MQ-9 PE and later reprogrammed					
FY 2010 Plans: In FY 2010: N/A						
FY 2011 Base Plans: In FY 2011: N/A						
FY 2011 OCO Plans: In FY 2011 OCO: N/A						
Accomp	lishments/Planned Programs Subtotals	54.205	40.645	125.427	0.000	125.427
	Г	EV 0000	EV 0040	7		
		FY 2009	FY 2010			
Congressional Add: MQ-9 UAS AirPortal, Hancock Field		3.000	0.000			

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force DATE: February 2010 **R-1 ITEM NOMENCLATURE** APPROPRIATION/BUDGET ACTIVITY **PROJECT**

PE 0205219F: MQ-9 Development and 3600: Research, Development, Test & Evaluation, Air Force

675246: MQ-9 Development and Fielding

BA 7: Operational Systems Development Fielding

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010
FY 2009 Accomplishments:		
In FY 2009: Funds development efforts for UAS airspace integration		
FY 2010 Plans:		
In FY 2010: N/A		
	0.000	52.500
Congressional Add: Unspecified Projects		
FY 2009 Accomplishments:		
In FY 2009: N/A		
FY 2010 Plans:		
In FY 2010: Test Assets, GCS Development, acceleration of selected SDD elements		
Congressional Adds Subtotals	3.000	52.500

C. Other Program Funding Summary (\$ in Millions)

			FY 2011	FY 2011	FY 2011					Cost To	
<u>Line Item</u>	FY 2009	FY 2010	Base	OCO	<u>Total</u>	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total Cost
• PE 0205219F: MQ-9 UAV,	526.876	544.539	1,016.217	108.000	1,124.217	1,279.200	1,353.589	1,177.466	1,171.893	0.000	0.000
(APAF)											

D. Acquisition Strategy

The MQ-9 Reaper system will be acquired sole-source with General Atomics-ASI as the prime contractor. Raytheon is the sole source provider of the MTS-B system.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0205219F: MQ-9 Development and

Fielding

PROJECT

675246: MQ-9 Development and Fielding

Product Development (\$ in Millions)

				FY 2	FY 2010		FY 2011 Base		FY 2011 OCO				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Activity & Total Prior	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MQ-9 System Development and Demonstration	SS/Various	GA-ASI Poway, CA	174.952	32.546	Jan 2010	49.188	Jan 2011	0.000		49.188	Continuing	Continuing	Continuing
Ground Control Station (GCS) Development	TBD/TBD	GA-ASI Poway, CA	0.000	22.900		31.200	Feb 2011	0.000		31.200	Continuing	Continuing	Continuing
EO/IR Development	Various/ Various	Raytheon McKinney TX	15.339	4.950	Jan 2010	15.600	Apr 2011	0.000		15.600	Continuing	Continuing	Continuing
Operator Simulator Development	TBD/CPFF	677 AESG Wright-Patterson AFB OH	5.770	4.055		3.020	May 2011	0.000		3.020	Continuing	Continuing	Continuing
Test Assets	TBD/FFP	GA-ASI Poway, CA	0.000	18.840		0.000	Feb 2010	0.000		0.000	Continuing	Continuing	Continuing
SAR Enhancements	TBD/CPFF	GA-RSG Poway, CA	5.264	4.000	Dec 2009	17.000	Feb 2011	0.000		17.000	Continuing	Continuing	Continuing
MQ-9 encrypted data link (FY09 Omnibus Request)	TBD/TBD	TBD TBD	1.000	1.400	Jan 2011	0.000		0.000		0.000	0.000	2.400	0.000
		Subtotal	202.325	88.691		116.008		0.000		116.008			

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0205219F: MQ-9 Development and

Fielding

PROJECT

675246: MQ-9 Development and Fielding

Support (\$ in Millions)

				FY 20)10	FY 2 Ba		FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
See remark below.	TBD/TBD	TBD TBD	16.500	0.000		0.000		0.000		0.000	0.000	16.500	0.000
		Subtotal	16.500	0.000		0.000		0.000		0.000	0.000	16.500	0.000

Remarks

FY09 funding includes \$16.5M mistakenly loaded into the MQ-9 PE and later reprogrammed for higher Air Force priorities.

Test and Evaluation (\$ in Millions)

				FY 2	2010	FY 2 Ba		FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support	Various/ Various	Various Various	26.702	4.454	Oct 2009	9.419	Oct 2010	0.000		9.419	Continuing	Continuing	Continuing
		Subtotal	26.702	4.454		9.419		0.000		9.419			

Remarks

	Total Prior Years Cost	FY 2010	FY 2 Ba	FY 2	-	FY 2011 Total	Cost To	Total Cost	Target Value of Contract
							•		
Project Cost Totals	245.527	93.145	125.427	0.000		125.427			

			0.10	, toon ieb						
Exhibit R-3, RDT&E Project Cost Analysis:		DAT	E: Februa	ary 2010						
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluate BA 7: Operational Systems Development	ion, Air Force		R-1 ITEM NOMENCLATURE PE 0205219F: MQ-9 Development and Fielding			PROJECT 675246: MQ-9 Development and Fieldin				ding
	Total Prior Years Cost	FY 20	010	FY 2011 Base	FY 2011 OCO	FY 20 Tot		Cost To Complete	Total Cost	Target Value of Contract
Remarks Total Prior Years Cost may include only FY 2009 data.										
Total Title Total Cook may mount only 1 1 2000 data.										

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0205219F: MQ-9 Development and

Fielding

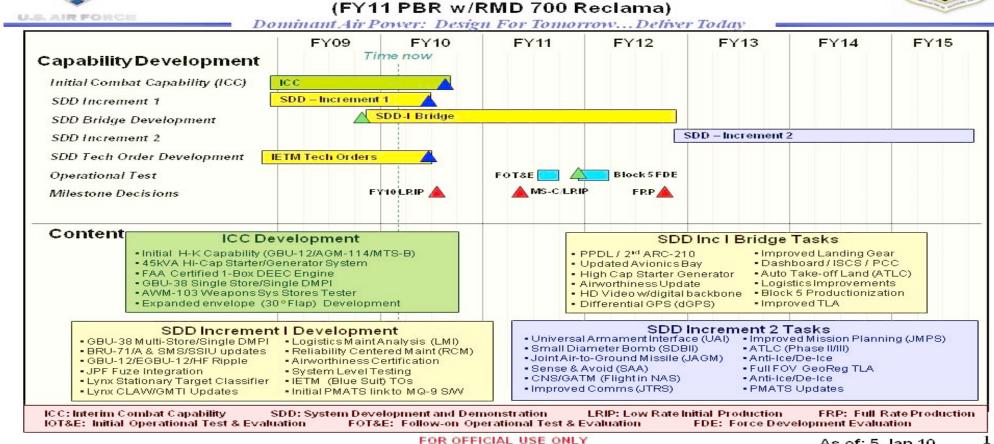
PROJECT

675246: MQ-9 Development and Fielding



UNCLASSIFIED MQ-9 Reaper Program Schedule

DATE: February 2010



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As of: 5 Jan 10

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

BA 7: Operational Systems Development

DATE: February 2010

R-1 ITEM NOMENCLATURE
PE 0205219F: MQ-9 Development and Fielding
Fielding

Schedule Details

	St	End		
Event	Quarter	Year	Quarter	Year
SDD-I Bridge Contract Start	4	2009	4	2009
ICC Contract Completion	3	2010	3	2010
SDD Increment 1 Contract Completion	2	2010	2	2010
Blue Suit (IETM) Tech Order Contract End	2	2010	2	2010
Block 5 Force Development Evaluation (FDE) - Start	4	2011	4	2011